	Y. I. S	CONFIDENTIAL
		14 Nevember 1957
Attention:		Combine atting Office
-	£	Contracting Officer
Subject:	Proposal for Antenna	Design, Development, and Production.
Enclosure:	(1) One copy,	Terms and Conditions.
Gentlemen:		
Pursuant to a	recent request made by submit its proposal to de	your representatives,
Pursuant to a is pleased to reflector ped	submit its proposal to de estal assemblies and one	sign, develop, and produce five (5) (1) antenna feed assembly for a firm
Pursuant to a is pleased to reflecter ped fixed price of	submit its proposal to de estal assemblies and one \$16,378.99. Adaptabilit	sign, develop, and produce five (5) (1) antenna feed assembly for a firm by to a frequency range of 1 kmc to
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÷	Although the design of feeds for operation from 1 to 10 kmc, is beyond the scope of this task, some consideration must be given to possible configurations of feeds so as to obtain maximum versatility of the antenna. One convenient method of achieving this range of operation-would be to utilize co-ax fed sleeve dipoles over the frequency range of 1-4 kmc and waveguide splash-plate feeds over the frequency range of 4-10 kmc. A total of five feeds would be required. For this particular task, a sleeve-dipole capable of operating over a range of 1-2 kmc is proposed. The input connection would be through a standard type N, 50 ohm receptacle and the feed will be capable of being mounted in the reflector in either vertical or horizontal plane, and attached with four knurled screws.	
t	The proposed mounting structure is a sectionalized tripod and mast assembly which will permit coarse and fine height adjustments from 2 to	
	6 feet above the floor level and hand rotatable in azimuth through 360 degrees, with provision for locking in any position. The assembly will be self-supporting, without lagging or guying but provisions for lagging to floor will be made. There is no wind velocity specification.	
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